

U.S. Serial No. 09/762,572  
Attorney Docket No. 46613-00008  
Amendment under 37 C.F.R. §1.312

**IN THE SPECIFICATION:**

Please insert the following header after the title on page 1, line 2:

**FIELD OF THE INVENTION**

Please insert the following header on page 1 after line 7:

**BACKGROUND OF THE INVENTION**

Please amend the paragraph beginning at page 1, line 25 as follows:

~~US-A-4,921,749~~ (= United States Patent No. 4,921,749 (EP-A-0 247 898)) describes a heat-sealable BOPP film having improved mechanical and optical properties. The heat-sealability of the film and the water vapor and oxygen permeability are likewise improved. All the improvements result from the addition of a low-molecular-weight resin to the base layer. The resin content here is between 3 and 30% by weight. The resin has a molecular weight of significantly less than 5000, preferably less than 1000, and is, for example, 600. The softening point of the resin is from 120 to 140°C.

Please amend the paragraph beginning at page 2, line 5 as follows:

~~US~~ United States Patent No. 5,155,160 describes the improvement in the barrier properties by the addition of wax to unoriented polypropylene films. The waxes described are paraffin waxes and polyethylene waxes having a molecular weight of from 300 to 800. The barrier action is said to be less than 0.2 g/100 square inches/24 hours.

U.S. Serial No. 09/762,572  
Attorney Docket No. 46613-00008  
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Please insert the following header on page 2 after line 15:

OBJECTS OF THE INVENTION

Please insert the following header on page 3 after line 2:

SUMMARY OF THE INVENTION

Please amend the paragraph beginning at page 3, line 4 as follows:

In a preferred embodiment, the film consists of a base layer B, interlayers Z applied to both sides thereof, and top layers D applied to the interlayers, i.e., a five-layer symmetrical structure DZBZD. In a further preferred embodiment, the film consists of a base layer B, an interlayer Z applied to one side thereof, and top layers D applied to the base layer and the interlayer in accordance with DBZD. If desired, these basic structures comprising three, four or five layers may contain further interlayers.

Please insert the following header on page 4 after line 8:

DETAILED DESCRIPTION OF THE INVENTION

Please amend the paragraph beginning at page 7, line 15 as follows:

The terpene resins are polymers of terpenes, i.e., hydrocarbons of the formula  $C_{10}H_{16}$ , which are present in virtually all essential oils or oil-containing resins from plants, and phenol-modified terpene resins. Specific examples of terpenes which may be mentioned are pinene,  $\alpha$ -pinene, dipentene, limonene, myrcene, camphene and similar terpenes. The hydrocarbon resins can also be so-called modified hydrocarbon

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Attorney Docket No. 46613-00008  
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resins. The modification is generally carried out by reaction of the raw materials before the polymerization, by the introduction of specific monomers or by reaction of the polymerized product, in particular by hydrogenation or partial hydrogenation.

Please amend the paragraph beginning at page 15, line 25 as follows:

For the opaque embodiments of the invention, it must be noted that the interlayer should not comprise any vacuole-initiating fillers in order to prevent vacuoles being formed in the interlayer during stretching of the film. It has been found that the advantages of the invention are impaired in the case of a vacuole-containing interlayer, i.e., that the waxes do not develop their action in the intended manner and extent in the vacuole-containing interlayer. In particular, the increased barrier action to water vapor is no longer ensured. It is therefore essential for opaque embodiments of the invention that the interlayer comprises no vacuoles.

Please amend the paragraph beginning at page 19, line 14 as follows:

The total thickness of the polypropylene film according to the invention can vary within broad limits and depends on the intended use. For transparent embodiments, it is preferably from 4 to 80  $\mu\text{m}$ , preferably from 5 to 50  $\mu\text{m}$ , in particular from 10 to 30  $\mu\text{m}$ . Opaque/white embodiments generally have a thickness of from 10 to 150  $\mu\text{m}$ , preferably from 15 to 100  $\mu\text{m}$ , in particular from 20 to 80  $\mu\text{m}$ , the base layer making up from about 40 to 95% of the total film thickness.

U.S. Serial No. 09/762,572  
 Attorney Docket No. 46613-00008  
 Amendment under 37 C.F.R. §1.312

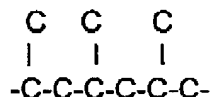
Please amend the paragraph beginning at page 29, line 16 as follows:

The mean molecular weights  $M_w$  and  $M_n$  and the mean molecular weight dispersity  $M_w/M_n$  were determined in accordance with DIN 55 672, Part 1, by means of gel permeation chromatography. Instead of THF, ortho-dichloro-benzene was used as eluent. Since the olefinic polymers to be investigated are insoluble at room temperature, the entire measurement is carried out at elevated temperature ( $\gg 135^\circ\text{C}$ ).

Please replace the paragraphs beginning at page 32, line 15 through page 34, line with the following paragraphs:

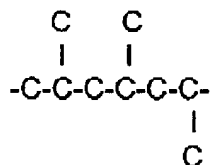
**Block 1:**

$\text{CH}_3$  groups in the PPP sequence (mm triad)

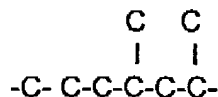


**Block 2:**

$\text{CH}_3$  groups in the PPP sequence (mr or rm triad)



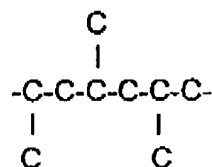
and  $\text{CH}_3$  groups in the EPP sequence (m chain):



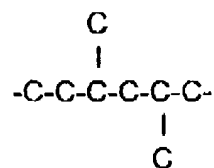
**Block 3:**

$\text{CH}_3$  groups in the PPP sequence (rr triads):

U.S. Serial No. 09/762,572  
Attorney Docket No. 46613-00008  
Amendment under 37 C.F.R. §1.312



CH<sub>3</sub> groups in an EPP sequence (r chain):



CH<sub>3</sub> groups in an EPE sequence:

